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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	James F. McBride, et al.
Art Unit	1615 (Anticipated) 1614
Examiner Name	C. L. Evans (Anticipated) R. Henley
Attorney Docket Number	12013/52003

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,481,323	11/06/84	Sterling	
		US- 4,515,593	05/07/85	Norton	
		US- 4,589,873	05/20/86	Schwartz et al.	
		US- 4,603,152	07/29/86	Laurin et al.	
		US- 4,769,013	09/06/88	Lorenz et al.	
		US- 4,830,855	05/16/89	Stewart	
		US- 4,912,032	03/27/90	Hoffman et al.	
		US- 4,950,256	08/21/90	Luther et al.	
		US- 5,000,955	03/19/91	Gould et al.	
		US- 5,026,607	06/25/91	Kiezulas	
		US- 5,041,100	08/20/91	Rowland et al.	
		US- 5,091,205	02/25/92	Fan	
		US- 5,102,402	07/07/92	Dror et al.	
		US- 5,135,516	08/04/92	Sahajian et al.	
		US- 5,417,983	05/23/95	Nagase et al.	
		US- 5,525,348	06/11/96	Whitbourne et al.	
		US- 5,580,573	12/03/96	Kydnieus et al.	
		US- 5,652,225	07/29/97	Isner	
		US- 5,674,192	10/07/97	Sahajian et al.	
		US- 5,171,217	12/15/92	March et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		UK 2 112 646	07/27/83			
		EP 0 379 156 A2	07/25/90			
		WO 91/08790	06/27/91			
		EP 0 177 983	04/1986			
		WO 98/02114	01/22/98			
		WO 98/46287	10/22/98			

Examiner Signature

Date Considered

9/29/07

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	Unassigned
				<i>Filing Date</i>	Herewith
				<i>First Named Inventor</i>	James F. McBride, et al.
				<i>Art Unit</i>	1615 (Anticipated) - 1614
				<i>Examiner Name</i>	C.-L. Evans (Anticipated) - R. L. Evans
				<i>Attorney Docket Number</i>	12013/52003
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Sheet	2	of	4		

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	Unsigned
				<i>Filing Date</i>	Herewith
				<i>First Named Inventor</i>	James F. McBride, et al.
				<i>Art Unit</i>	-1615 (Anticipated) <i>1614</i>
				<i>Examiner Name</i>	C. L. Evans (Anticipated) <i>R. Henley</i>
Sheet	3	of	4	Attorney Docket Number	12013/52003

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
<i>JH</i>		McBride et al., M. S. Thesis, 1996.		
<i>JH</i>		Y. Osada et al., Intelligent Gels, Scientific American, May 1993.		
<i>JH</i>		Anna Gutowska et al., Journal of Biomedical Materials Research, 1995, "Heparin release from thermosensitive polymer coatings: In vivo studies", Vol. 29, pp. 811-821.		
<i>JH</i>		Hsieh, D., "Controlled Release Systems: Fabrication Technology," Vol. II, 1988.		
<i>JH</i>		Gehrke, S., Lyu, L-H., Bamthouse, C., "Dewatering Fine Coal Slurries by Gel Extraction," Separation Science and Technology, 33(10), pp. 1467-1485, 1998.		
<i>JH</i>		Kabra, B., Gehrke, S H., and Spontak, R.J., "Microporous, Responsive Hydroxypropyl Cellulose Gels. 1. Synthesis and Microstructure," Macromolecules, Vol. 31, No. 7, Pages 2166-2173 (1998).		
<i>JH</i>		Bae et al., "Thermo-sensitive polymers as on-off switches for drug release," Makromol. Chem. Rapid Commun..., 1987, 8:481-485.		
<i>JH</i>		Bae, "Stimuli-Sensitive Drug Delivery, <u>CONTROLLED DRUG DELIVERY: Challenges and Strategies</u> , 147-162, American Chemical Society, Washington D.C., 1997.		
<i>JH</i>		Gehrke et al., "Factors Determining Hydrogel Permeability, <u>BIOARTIFICIAL ORGANS: Science, Medicine and Technology</u> , Annals of the New York Academy of Sciences, 1997, 831:179-206.		
<i>JH</i>		McBride, "Solute Permeability and Release from Thermosensitive Gels," Master of Science Thesis, University of Cincinnati, Division of Research and Advanced Studies, 1996.		
<i>JH</i>		Yoshida et al., "Drug Release Profiles in the Shrinking Process of Thermoresponsive Poly(N-isopropylacrylamide-co-alkyl methacrylate) Gels," Ind. Eng. Chem. Res., 1992, 31:2339-2345.		

Examiner Signature	<i>R. Henley</i>	Date Considered	9/29/07
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				<i>First Named Inventor</i>	James F. McBride, et al.
				<i>Art Unit</i>	1615 (Anticipated)
				<i>Examiner Name</i>	C. L. Evans (Anticipated)
Sheet	4	of	4	Attorney Docket Number	12013/52003

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		Gulowska et al., "Thermosensitive Interpenetrating Polymer Networks: Synthesis, Characterization, and Macromolecular Release," <i>Macromolecules</i> , 1994, 27:4167-4175.		
		Dinarvand et al., "The use of thermoresponsive hydrogels for on-off release of molecules." <i>Journal of Controlled Release</i> , 1995, 36:221-227.		
		Harsh et al., "Controlling the swelling characteristics of temperature-sensitive cellulose ether hydrogels," <i>Journal of Controlled Release</i> , 1991, 17:175-186.		
		Gehrke et al., "Effect of Synthesis Conditions on Properties of Poly(<i>N</i> -isopropylacrylamide) Gels," <i>Polymer International</i> , 1992, 29:29-36.		
		Fram et al., "Localized Intramural Drug Delivery During Balloon Angioplasty Using Hydrogel-Coated Balloons and Pressure-Augmented Diffusion," <i>J. Am. Coll. Cardiol.</i> , 1994, 23:1570-1577.		
		Gutowska et al., "Heparin release from thermosensitive polymer coatings: In vivo studies," <i>J. Biol. Materials Research</i> , 1995, 29:811-821.		
		Fram et al., "Localized Intramural Delivery of a Marker Agent During Balloon Angioplasty: A New Technique Using Hydrogel-Coated Balloons and Active Diffusion," <i>Abstracts From the 65th Scientific Session, October 1992, Supplement I</i> , 86/4:I-380, Abstract 1515.		
		Nunes et al., "HYDROGEL-COATED PTC BALLOON CATHETER DELIVERY OF AN ANTITHROMBIN INHIBITS PLATELET-DEPENDENT THROMOSISI," <i>Abstracts From the 65th Scientific Session, October 1992, Supplement I</i> , 86/4:I-380, Abstract 1516.		
		Fisher, "The Permeability of Temperature Responsive Cellulose Ether Hydrogels," <i>Master of Science Thesis</i> , University of Cincinnati, Division of Research and Advanced Studies, 1997.		

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